SIEMENS

Data sheet

6GK5792-8DN00-0AA6



Antenna ANT792-8DN

ANT792-8DN IWLAN antenna with strong directional effect incl. N-female connector: 14 dBi, IP23, outdoor, (-40-+70 °C); 2.4 GHz, Wi-Fi compliance Observe national approvals; mounting on wall or mast compact instructions as hard copy German/English, scope of delivery: 1x ANT792-8DN, 1x terminating resistor TI795-1R 1x mounting aid for alignment

| radio frequencies | |
|---|-------------------|
| type of wireless network / is supported | WLAN |
| operating frequency | |
| for WLAN in 2.4 GHz frequency band | 2.4 2.7 GHz |
| electrical data | |
| impedance | 50 Ω |
| polarization | linear vertical |
| radiation characteristic | directional |
| antenna gain compared to spherical radiator | |
| of the WLAN antenna / in the 2.4 GHz frequency band | 14 dB |
| standing wave ratio (VSWR) / maximum | 1.5 |
| radiating angle of the antenna | |
| in the 2.4 GHz frequency band / horizontal | 35° |
| in the 2.4 GHz frequency band / vertical | 30° |
| number of electrical connections / of the antenna | 1 |
| type of electrical connection / of the antenna | N-Connector |
| design of plug-in connection | female |
| angle of inclination / downward / maximum | 0° |
| front-to-back ratio | 20 dB |
| mechanical data | |
| material | |
| of outer shell | ASA |
| ambient conditions | |
| ambient temperature | |
| during operation | -40 +80 °C |
| during storage | -40 +80 °C |
| during transport | -40 +80 °C |
| protection class IP | IP23 |
| wind load / maximum | 57 N; at 160 km/h |
| design, dimensions and weights | |
| width | 200 mm |
| height | 200 mm |
| depth | 43 mm |
| net weight | 500 g |
| fastening method | |

| mast mounting | Yes | |
|---|---|--|
| wall mounting | Yes | |
| roof mounting | No | |
| directly on the device | No | |
| product features, product functions, product components / general | | |
| product feature / silicon-free | Yes | |
| standards, specifications, approvals | | |
| certificate of suitability | | |
| RoHS conformity | Yes | |
| wireless approval | Current national approvals can be found on the Internet under www.siemens.com/funkzulassungen | |
| | | |
| further information / internet-Links | | |
| further information / internet-Links | | |
| | http://www.siemens.com/snst | |
| Internet-Link | http://www.siemens.com/snst http://www.siemens.com/simatic-net | |
| Internet-Link to web page: selection aid TIA Selection Tool | | |
| Internet-Link to web page: selection aid TIA Selection Tool to website: Industrial communication | http://www.siemens.com/simatic-net | |
| Internet-Link to web page: selection aid TIA Selection Tool to website: Industrial communication to website: Industry Mall | http://www.siemens.com/simatic-net https://mall.industry.siemens.com | |
| Internet-Link to web page: selection aid TIA Selection Tool to website: Industrial communication to website: Industry Mall to website: Information and Download Center | http://www.siemens.com/simatic-net https://mall.industry.siemens.com http://www.siemens.com/industry/infocenter | |
| Internet-Link to web page: selection aid TIA Selection Tool to website: Industrial communication to website: Industry Mall to website: Information and Download Center to website: Image database | http://www.siemens.com/simatic-net https://mall.industry.siemens.com http://www.siemens.com/industry/infocenter http://automation.siemens.com/bilddb | |